

Organisation Details	Buyer Details
Type: Central PSU Ministry: Ministry of Coal Department: Materials Management Organisation Name: Bharat Coking Coal Limited Office Zone: Bccl Dhanbad	Name: Sonu Gupta Designation: deputy manager MM Contact: - No.: - Email ID: sonu.gupta@nic.in GSTIN: 20AAACB7934MFZB MM Department, level 3, Commercial Building, Koyla Bhawan, Address: Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: Yes Designation of Administrative Approval: Director Technical(P&P) Designation of Financial Approval: GM(F) C&B	Name: BIKRAM GHOSH Designation: HOD Purchase Finance Email ID: hodpurfin.bccl@nic.in GSTIN: N MM Department, level 3, Commercial Building, Koyla Bhawan, Address: Koyla Nagar, DHANBAD, JHARKHAND-826005, India

Seller Details	
Company Name: MINESOURCE INDIA PRIVATE LIMITED Contact No.: 09334000314 Email ID: msical.india@gmail.com Address: 13C,JABAKUSUM HOUSE,34, C.R.AVENUE,NEAR YOGAYOG BHAWAN, Kolkata, WEST BENGAL-700012, - MSME verified: Yes MSE Social Category: General GSTIN: 19AADCM3464E1ZI	

Product Details							
#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	DELL EMC 2 X Intel DDR4 SDRAM with ECC 128	Server	DELL EMC PowerEdge R440	HSN not specified by seller	2	pieces	1,398,198
2	NRS1 24U 600x1000	Networking/Server Rack	Netrack NRS1 24U 600x1000	HSN not specified by seller	1	pieces	24,772
3	CHECKPOINT Firewall With 5 Years On Site OEM Warranty	Firewall - NGFW	Check Point 5600-HA -Firewall	HSN not specified by seller	1	pieces	6,213,171
Total Order Value (in INR)							7,636,141

Consignee Detail							
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By	
1	Name: Rohit Kumar Designation: - Email ID: con1.bccl.jh@gembuyer.in Contact: 62876-95727- GSTIN: 20AAACB7934MFZB Address: Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101.,	DELL EMC 2 X Intel DDR4 SDRAM with ECC 128	-	2	11-Aug-2020	10-Sep-2020	
		NRS1 24U 600x1000	-	1	11-Aug-2020	10-Sep-2020	
		CHECKPOINT Firewall With 5	-	1	11-Aug-2020	10-Sep-2020	

Product Specification for DELL EMC 2 X Intel DDR4 SDRAM with ECC 128

Specification	Sub-Spec	Value
Processor	Processor Architecture	CISC(X86)
	Processor Make	Intel
	Number of Cores per Processor	12
	Processor Base Frequency (GHz)	2.6
	Processor Turbo Frequency (GHz)	3.7
	Total Cache (L1+L2+L3)(MB)	19.25
	Processor Description/ Number	Intel Xeon Gold 6126
Chassis	Form Factor	Rack
	Size (RU)	1
Motherboard	Chipset compatible with CPU	Intel C621
	Expansion Slots Gen 3 (PCIe x1)	0
	Expansion Slots Gen 3 (PCIe x4)	0
	Expansion Slots Gen 3 (PCIe x8)	0
	Expansion Slots Gen 3 (PCIe x16)	2
	Maximum number of Sockets available on Server	2
	Maximum number of Sockets populated with Processors available on Server	2
Co Processor / GPU	Availability of Co Processor /GPU	No
	If Yes, Maximum Number of Slots available for Co-Processor/GPU	0
	If Yes, Maximum Number of slots populated with Co processor/GPU	0
	If Yes, Co Processor /GPU Description	NA
	Type of RAM	DDR4 SDRAM with ECC
	Total Number of DIMM Slots available	16
	Number of DIMM Slots populated with DDR SDRAM	4

Memory	Number of DIMM Slots populated with DDR NVRAM	0
	DDR SDRAM Size(GB)	128
	DDR NVRAM Size (GB)	0
	DDR SDRAM upgradable upto using spare DIMM Slots (GB)	384
	DDR NVRAM upgradable upto using spare DIMM Slots (GB)	0
SSD Storage	Type of Interface for SSD	NA
	Type of SATA SSD	NA
	SATA SSD Hot Swappable	NA
	Endurance for SATA SSD (DWPD - Drive Writes Per Day) (X)	0
	Total Number of Slots available for SATA SSD	0
	Number of Slot Populated with SATA SSD	0
	Capacity offered per SATA SSD (GB)	0
	Total Capacity Offered with SATA SSD (GB)	0
	Type of SAS SSD	NA
	SAS SSD Hot Swappable	NA
	Endurance for SAS SSD (DWPD - Drive Writes Per Day) (X)	0
	Total Number of Slots available for SAS SSD	0
	Number of Slots populated with SAS SSD	0
	Capacity Offered per SAS SSD (GB)	0
	Total Capacity Offered with SAS SSD (GB)	0
	Type of NVMe SSD	NA
	NVMe SSD Hot Swappable	NA
	Endurance for NVMe SSD (DWPD - Drive Writes Per Day) (X)	0
	Total Number of Slots available for NVMe SSD	0
	Number of Slots populated with NVMe SSD	0

	Capacity Offered per NVMe SSD (GB)	0
	Total Capacity Offered with NVMe SSD (GB)	0
HDD Storage	Type of Interface for Hard Disk Drive	SAS
	Total number of Slots available for SATA Drive	0
	Number of Slots populated with SATA Drive	0
	Capacity offered per SATA Drive (GB)	0
	SATA drive speed (hot plug or better) (RPM)	NA
	Total Storage Capacity offered with SATA Drive (GB)	0
	Total number of slots available for SAS drive	8
	Number of Slots populated with SAS Drive	2
	Capacity offered per SAS Drive (GB)	1200
	SAS drive Speed (Hot plug or better) (RPM)	10K
	Total Storage Capacity offered with SAS Drive (GB)	0
	Total number of slots available for NL SAS drive	0
	Number of Slots populated with NL SAS Drive	0
	Capacity offered per NL SAS Drive	0
	NL SAS drive speed (hot plug or better) (RPM)	NA
	Total Storage Capacity offered with NL SAS Drive (GB)	0
RAID	RAID level	1
	No of RAID Controller Ports	2
	Speed of RAID Controller Ports (Gbps)	12
	RAID Controller Cache (GB)	0
	Network Card Supported	1G,10G
	Number of Networking	

Ports & Interfaces

Interface Cards (LAN)	2
Whether Network Interface Card Embedded	Yes
Total Number of Ethernet Ports required in Server	2x10G RJ 45,2x1G
Networking Interface Card Features	NA
Server Network Ports should Support SR-IOV Feature	No
Server network ports should support DPDK and it should deliver zero packet loss as per RFC 2544 and deliver 100% line rate for all the packet sizes over 64 Bytes, Vendor to submit latest DPDK test report for the same	No
Number of Single port FC HBA card	0
Number of Dual port FC HBA card	1
Number of Quad port FC HBA card	0
FC HBA Speed (Gbps)	8
vHBA Card Features Supported	No
Number of Converged Network Adaptor (CNA)	0
Number of Ports per CNA card	NA
CNA Port Speed (Gbps)	0
Length of LC-LC Cable per SFP+ Port (meter)	0
Length of LC-LC Cable per HBA Port (meter)	0
Length of LC-LC Cable per CNA Port (meter)	0
Length of Twinax Breakout Cables per Port (meter)	0
Video Controller (support VGA or above resolution)	Yes
Keyboard Port	No
Mouse Port	No
DVD ROM (Internal/Exrternal)	Yes
USB Ports (version 2point0/3point0)	4
Total number of Spare	

	Bays Available for Future Upgradation (Internal)	6
	Total number of Spare Bays Available for Future Upgradation (Hot Plugable)	0
Certifications	Certifications/Compliance (OS)	Windows,Red Hat Linux,Suse Linux,Ubuntu
	Certification/Compliance (Virtualization/Cloud Platform)	VM ware,HyperV,Oracle Virtualization,Red Hat Virtualization,Xen
Features	Management Features-1	Remoter power On/ Shutdown of server,,Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port,,Should have virtual Media support with all required licenses.,Remote KVM,Server Health Logging,Out of Band Management
	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.,Automated infrastructure management for patch upgrades, version upgrades ,etc.,Simplified management with analytics driven actionable intelligence.,System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes,Hardware Profile based deployment to multiple Servers simultaneously,Policy template for deployment of single policy to multiple Servers simultaneously,Platfrom inventory and helath status,Server utilization statistics collection (including firmware updates and diagnostic tools),Should provide an alert in case the system is not part of OEM hardware complatibilty test,Solution should be open and programmable providing Rest API, SDK for programming lanugaes like Python , power shell scripts etc.,Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.the user should be flexibility to select name for dshasboards and widgets (viz. health, utilization etc),Single pane of glass for auto Provisioning across Multi vendor & multi hypervisor platform,Self service portal deployment for automated provisioning,Real-time out-of-band hardware performance monitoring & alerting
	Security Features-1	Secure Boot(Firmware and Bios Level Security),Provision to lock the system on breach,Hardware root of trust/Dual Root of Trust,Server should provide policy based security,Server should provide server intrusion detection,,"Malicious Code Free design" (to be certified by OEM)
	Security Features-2	Provision for Cryptographic firmware updates,Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach,Secure /Automatic BIOS recovery,Network Card secure firmware boot,In case of any security breach system should provide the lock down feature
	Server scalability to be achived within the box & without adding nodes	Yes
	support for high availability clustering and virtualization	Yes
	Generic	Redundant Power Supply
Hot Swappable (Redundant Power Supply)		Yes
Power Supply Efficiency		Gold
Redundant Fan		Yes
Hot Swappable (Redundant Fan)		Yes
Server Main Supply		230 +/- 10%Vac
	SPEC int_rate_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	134
	SPEC fp_rate_2017 for the product (must be available on SPEC dot	142

Benchmark	ORG before evaluation)	
	SPEC int_speed_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	134
	SPEC fp_speed_2017 for the product (must be available on SPEC dot ORG before evaluation)	142
Miscellaneous	Maximum power consumption of the system (Watts)	550
	BIS Registration under CRS of MeitY	Yes
	BIS Registration Number Under CRS of MeitY and its validity	R-41000400
	Other Certifications Available	UL
	RoHS Compliance	Yes
	Availability of the type test report from Central Government / NABL / ILAC accredited laboratory covering verification of all features & functional parameters & environmental tests sequence	No
	a) Dry heat:test - for 16 hrs at 45 deg C as per IS: 9000/pt-3/sec-5/1977 b) Cold test - for 4 hrs at 0 deg C as per IS: 9000/pt-2/sec-4/1977 c) Damp Heat Cyclic Test - for 2 cycles of 24 hrs at 40 deg C & 95% RH as per IS: 9000/pt-5/sec-1/1981	NA
	The server has been checked for all the parameters before conditioning, After completion of the environmental tests sequence, with a recovery period of 1 to 2 hrs, the server found to be functional	NA
	Test Report Number & date	RHEL 2-SKT 5YR
Name & Address of Lab	NA	
Scope of Supply	Installation and Commissioning shall be included in the scope of supply	Yes
	On Site OEM Warranty	

Warranty	(Year)	5
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Product Specification for NRS1 24U 600x1000

Specification	Sub-Spec	Value
Specifications	Type of Server Racks	Rack Enclosures
	Size of Server Rack Enclosure	24U
	Depth of the Rack (mm)	Upto 1000
	Mount Type	Free-Standing
	Front glass Door	Yes
	Type of glass used in front door	Transparent Toughened Glass
	Material used for rear door	SPCC Quality Cold Rolled Steel Metal
	Both rear and front doors with Perforation	Yes
	Side Panels With Key Locks and Slam Latch	Yes
	Secure Locks	Available
	Rear split door design	Yes
	Keyboard Tray Sliding and Rotary	Yes
	Shelf For CRT/TFT Display	Yes
	Cable channel in rear side for cable management	Yes
	Support cable entry from top or bottom	Yes
	Vertical & Horizontal managers	Yes
	Numbers of Rack trays	3
	Number of Fan For Heat dissipation (nos)	4
	Number of fan trays	2
	Heavy Duty Caster Wheels	Yes
	If yes, then Front Break Options	Available
	Load Bearing Capacity (Kgs)	750
	If Wall mount racks then ,Swing-Out Racks	NA
Dust or water resistant	No	
PDU Power Strips	Available	
Weight (Kg)	53	
Warranty (Years)	5	

Product Specification for CHECKPOINT Firewall With 5 Years On Site OEM Warranty

Specification	Sub-Spec	Value
	Type	Firewall
	Form Factor (RU)	1
	Features	Layer 3 - Layer 4,NAT,VPN,Application Visibility and Control (AVC),User Identity,Next Generation Intrusion Prevention System (IPS),Zero Day Protection / Advance Malware protection,Web Security Essentials / URL Filtering
	Traffic handled	TCP/UDP
	Packet Size (KB)	1024
	Throughput with all features enabled(Under Test Condition) (Mbps)	20000

Specification

Throughput (Real World/Prod Performance)(Under Test Condition) (Mbps)	23000
Concurrent Session/Concurrent Connection	10M
New session/Connection per second	185K
Type of Interface Supported Multiselect	10G SFP+
Number of GE Copper interface	8
Number of 10G SFP+ interface	2
Number of QSFP+ 40 G interface	0
Number of GE Small Form-Factor Pluggable (SFP) interface	2
Number of QSFP28 100 G interface	0
Number of col /WAN Ports	2
Number of Ipsec VPN Peers supported (Site to Site)	50000
Number of Ipsec VPN Peers supported (Client to Site)	0
Number of SSL VPN Peers supported (Client to Site)	5
Type of Storage Disk	HDD
Storage Capacity (GB)	1000
Power Supplies	Dual Dual
Hot Swappable Power Supply	No
Redundant Fan	No
Hot Swappable (Redundant Fan)	No
Type of Processor	x86
High Availability Support	Yes
If Yes, High Availability from day 1	active-active
Interface Expansion slots supported	0
Firewall Policies - License	Yes
Details of the Firewall Policies for the Firewall provided with the License	Web Security Essentials / URL Filtering,IPS License,Application Visibility License,APT (Advance Persistent Threat) License (Anti Malware Protection , C& C attacks, Geo IP Protection, Zero Day Threat Protection),Gateway Anti virus,Gateway Anti spam
NGIPS Signature supported	5000
Security Intelligence	IP,URL,Domain,IOC Intelligence
Certification	Common Criteria /NDPP/NSS
Minimum Operating Temperature (Degree C)	0
Maximum Operating Temperature (Degree C)	40

Minimum Operating Humidity (%RH)	5
Maximum Operating Humidity (%RH)	75
IPv6 Ready from day 1	Yes
On Site OEM Warranty (Year)	5

Terms and Conditions

1. General Terms and Conditions

1.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

1.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

1.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

1.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

1.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

1.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

1.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

1.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

1.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

1.10 Financial Certificate:

1.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

1.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

1.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

1.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

2. Additional Terms and conditions

2.1 Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

2.2 Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

2.3 Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

2.4 Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.

2.5 Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 15 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.
